



50 Years of DX-cellence

BULLetin

No. 8



September 1998

Next Meeting

7:30 PM, Thursday, September 10th
at Jun's Electronics, 5563 Sepulveda
Blvd. (Exit the San Diego Fwy (405)
at Jefferson and proceed east to
Sepulveda Blvd.)

September Program: Alinco For Your Thoughts

Ed was bowled over when Edna suggested a vacation 'way down in them islands.

Ed could practically smell



the pile-ups. After Edna had packed the crock pot, the professional hair dryer and the electric fry-pan, there was no room for Ed's radio. Find out how Doug, KB6YZD of Alinco saved the day for Ed and just barely tickled Edna's grocery money. Doug will present the Alinco HF rigs. These baby beauties are just right for a "dexpedition in a suitcase" and are reasonably priced.

Fun, Fun, Fun

Rollicking SCDXC'ers really know how to have fun. On August 9, 1998, thrillseekers swarmed Arnie, N6HC's back yard, snarfing burgers and 'dogs and swapping tales. The outrageous heat served only to make them more oily and sociable. Bright, blue skies and a view for here to..., the only shade beneath N6HC's LM 470. Whoa, Nellie! That's not all:

On August 13th, club members were treated to a "Pizza Bash" at the baroque medieval grog palace known as "Shakey's." Tom, K6ZT provided entertainment ("Much better than Siegfried and Roy," effused a pitcher wielding attendee). Tom spun his convoluted tale of angry neighbors and wretched "wrooftops." His compromised vertical array fits totally on his domicile dome, and a neat, yet government secret phasing box is tucked beneath the surface of his operating desk. Amidst



(Continued on page 9)

W6ET "Captain Dick"

By John Linden, WK6E, Bill Mauzey, W6RT and BULLetin Staff

Suave, handsome Richard N. Reimer looked around the dim tavern and concluded that the business just "wasn't for him." "Captain Dick's" closed just a year after opening. The Hawthorne saloon was a rare failure in a life of accomplishments and rapid advancement.

Dick went into the hospital on August 2nd for prostate surgery and he died on August 4th when he was about to be released to go home. W6ET was licensed in 1937 as W60SU. His station in those days was a mar-

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W6ET Out on the Town with
Lyn, WK6E's XYL

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Tuna Fish..... Page 82



1998 Programs

Harvey Laidman, W8DX



Hm m m, I'm lookin' around here and I'm all alone. Guess I'll remind y'all that H40, Temotu Province has been added to the DXCC list. Cards will be accepted as of October first, so as of right now, gang, no one is "top of the Honor Roll" at 329! ...*Harvey, W8DX*

If you're wondering what happened to the Packet Derby, I think Harv, K6EXO is off touring Alaska. Either that, or he's hiding out – heard the "SMIRK" crowd is after him.

Yes, the Christmas Party will again be held at the Proud Bird. They have been cooperative, reasonable and hospitable. I'm pushing them for a menu update so that we can lock down a dinner price. I'm hoping to hold the line at \$25.00 per person. Also trying to line up an interesting speaker. This would be the event to invite ex-club members and prospective members to. (Is that a dangling participle?) A "sign-up" sheet will be available in October. Mark your calendar – December 10, Proud Bird, BE THERE!

I've been very busy lately with work. My next assignment straddles the *BULLETin* deadline for October. It may happen that I am unable to produce an October *BULLETin*. If this happens, I'm counting on each SCDXC member to get out there and start grousing on the W6AM repeater (which, thanks to Edgar, N6OU, has solved its "identity" problem). Here are some subjects taken from articles I'm working up for the October number:

The Deadline for the October
BULLETin will be
September 25th
Please submit as early as
you can!

1. DNA testing to authenticate North Korean operation.
2. Propagation prediction by Tarot.
3. Tribal medicine primer.
4. Create a distinct vocal sound in pile-ups using abrasive gargles.
5. Extensive list of operations and surgical procedures for repeater usage.
6. Hip-hop/Skaa contest – Submit lyrics on the subject: "Dots and Dashes and Static Crashes."

Letters...

Oy, do we get LETTERS!

Fresno Factotum

I was disappointed to learn that the 1999 DX Convention is going to be held in Fresno California. As you know, I was the Prize Chairman for the last two conventions sponsored by the Southern California DX Club and I have a deep understanding of what it takes to create a successful convention. I think that the choice of Fresno as the Convention site is short-sighted and ignores the fact that Visalia has proven to be the better venue.

Over the past two conventions the Holiday Inn in Visalia has been more than accommodating and has done everything they could to make our convention socially and financially successful. I see no reason not to return.

Few outside the convention staff know how hard it is to develop working relationships over long-distance telephone lines and to solicit contributions from vendors. Changing locations every year threatens these valuable relationships and gives the impression of instability. This will inevitably make the job of solicitation harder and it will make vendor participation dwindle.

I'm disappointed again by the fact that U.S. Tower won't be able to hold

the annual party at the factory. It's really a great time for everyone, and they contribute generously with their open house and raffle prizes. I wonder if the NCDXC considered this when they chose Fresno. Why are they denying us this pleasure?

Were the RV folks considered? At Fresno the RV parking space is a fraction of what Visalia offers. Maybe it's time for the RV gang to speak up!

Finally, the higher cost of rooms at the Fresno Holiday Inn makes less money available for raffle tickets, purchases from vendors, and souvenirs. I know that vendors go to considerable expense to attend the convention, and they expect to profit from it. If they go, so do our profits.

Fellow DX'ers, I encourage you to speak your opinion on this subject and to contact your board members. Only through the voice of the majority that speaks can the minority that errs be corrected.

Rich Bongeorno WU6T

Prop Pitch

Your article about Ted Gillette, W6HX, was terrific.

In 1976, Ted put up my LM470, complete with one of his nifty prop-pitch rotors. It has been in use ever since. After reading your article I understand why Ted was so confident about his abilities.

And as far as the "Amateur Radio News Service" is concerned, their ranking of the *BULLETin* clearly shows that the criteria they use for measuring quality is sorely lacking. Maybe they measure antenna gain too.

I have seen a lot of club newsletters and the *BULLETin* is far and away the best. Keep up the great work.

David Bell, W6AQ

...Thanks, Dave - See "Southern Cross, elsewhere in this issue. ...ed

MINIPROP PLUS Predictions

by Shel, W6EL



These MINIPROP PLUS predictions for the five prime HF bands show the times when propagation is expected to be best from Los Angeles to several locations that are expected to be active during the coming month. Other times are possible, but with weaker signals or lower probability. Openings are not expected on bands that are not listed. A solar flux of 130, corresponding to a sunspot number of 83, and an average geomagnetic field are assumed. Sunrise/sunset times are at the DX location. All times are UTC.

DX Location:

Band/Best Times:

EM1LV Antarctica - Daily
Beam 180 degrees
Sunrise/sunset (on 9/20) None/None

40: 0300-1230.
20: 0130-1400.
15: 1830-0030.

E3 Eritrea - Until November
Beam 27 degrees
Sunrise/sunset (on 9/20) 0317/1519

40: 0230-0300.
20: 0030-0430. Long path 1400-1500.
15: 1500-2400.
10: 1830-2000.

5Z Kenya - Until November
Beam 40 degrees
Sunrise/sunset (on 9/20) 0324/1524

40: 0200-0330. Long path around 1430.
20: 2300-0500. Long path 1330-1530.
15: 1500-0100.
10: 1830-2330.

XX9 Macao - 9/26 to 9/27
Beam 311 degrees
Sunrise/sunset (on 9/27) 2220/1014

80: 1200-1330.
40: 1000-1400.
20: 0730-1700.
15: 1630-1700 and 2230-0430.
10: 2330-0130.

D6 Comoros - 10/25 to 11/7
Beam 41 degrees
Sunrise/sunset (on 11/1) 0236/1501

40: 0130-0230. Long path 1400-1500.
20: 2300-0230. Long path 1430-1600.
15: 1500-2230.
10: 1700-1830.

QSL Corner

By AI, NS6B

3D2VA Via WA2NHA
4JA9RI Via 4K1DNK, Rashad
Kotoprak, Box 116, TR
81031, Istanbul, Turkey

4S7BRG Via Mario Primavesi, 327
Main Street, Ambalangoba,
Sri Lanka

7Q7DC Via W6IJZ (Ex-WA6IJZ)

BI5P Via W3HC (Ex-W3HCW)

BI4Q Via JSDXC, BY4RSA, Box
538, Nanking, People's
Republic of China

EW3LB

FO0YAM

H44NC

HR3/DL1GKG

MJ0ASP

Via W3HNK

Via JK1FWN, Hiroaki
Yamazaki, 34-1-102
Matsugaya, Japan

Via Norried Chaisson,
Box 168, New Georgia
Island, Munda W.
Province, Solomon
Islands

Via Michael Kress,
Denaust 29, D-78244
Gettmadinggen,
Germany

Via F5OIU

OJ0AU
PR2YL

Via DL6AU
Via PP5LL, Jay Lira,
Box 08, Cep 85 - 010 -
970, Florianopolis, SC,
Brazil

RW6HS

(Ex UW6HS) Via Vasily
Kasayanenko, Box 20,
357800, Georgievsk-
stavroposkoko, Russia

S55A

Via S55AA or YU3AI

SV2ASP/A

Via Monk Apollo,
Dochiariou Monastery,
GR-63037, Mount
Athos, Greece

TL5A

Via PA3DMH

TY1IJ

Via DK8ZD, Jochin
Erruiate, Berlinerstrasse
31-35, D-65760,
Echborn, Germany

YB3OSE

Via W7TSQ

YB9ZBI

Via YB9BON, Via
DL6ZFG

YE1ZI

Via YB0TK, Manito,
Box 6763, JKSRB,
Jakarta 12067, Indonesia

YS1X

Via OH2BU

ZS1SCQ

Via DL6DK (Prefers
QSL's via the bureau)

ZS1SCR

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Dot... dot... dot...

By Guglielmo Pookah, E1EIO



Your Pook has an innocent question: Why do **QSL managers** change their calls, names or addresses immediately after they become QSL managers?... Why does the QSL you need the most go to the most **difficult to write address**? Try this town on for size:

Georgievskstavroploskoko. By the time you read the sign, you've **driven past it**. Reminds a hare of the well-known "**Gillygillyhasenpfefferkatzenellenbogen-by-the-sea**," tried to fly there, but the **luggage tags** wouldn't fit on my **suitcase**. No **rabbit** should ever go anyplace named "**Hasenpfeffer**." They **never come back!** ...Bending an ear to the **DX repeater**, heard some DX Repeater **Newspeak**: "Gotta copy on me?" "**10-4, Girlfriend**" "Where you at?" "**24th and Roscoe**" "Full Quieting" "Roger on that. Alla'way wid **twenny-five watts**."

"Where you at?" "**25th and Roscoe**, how'm'I comin'in?" "Full quieting." "It's too hot. My **dentures** are swollen." "Where you at? Come back." "**26th and Roscoe**, gotta copy?" "**10-4**. Full quieting 'cept just now there was **static**." "Roger that on static." "It's too cold, my **truss** is stiffening up." "Just passed the **taco place** that has the awful tacos. I tell you the world is collapsing, **fluoridation**, international banking. It's a **conspiracy**." "**27th and Roscoe**, how am I comin' in." "Full quieting, **10-4?**" "**10-4, that**." "I am at **K-Mart**. Do you have a copy?" "Full Quieting, go to **ten watts**." "How, come back?" "Back to me. It's the **blue button**." "Roger that the blue..." "Come back, **10-4?**" "I think I have a **boil** on my..." "I just got cut off by an **Italian** in a **Subaru**." "**28th and Roscoe**, how my **modulation?**" "Back to me. **Raspy**. Back to you." "Roger on that, I am **filing my nails**." "I am passing a **Sizzler**. There is a **plot** to close all **Sizzlers**. The world-wide consortium of ethnic **Mohicans...**" "I am losing you, either the **repeater is broken** or I have a **dead battery**."



"Roger that. If you **cannot copy**, go to channel four, **10-4?**" ...Here in the **hutch**, we all kept our **ears twisted**, listening for **Ernie, N6HY's** exotic **DX reports**, but now, sadly, we must turn

off the ol'**GE Progress line** radio and bid **farewell** to the **DX repeater**. We can't take it any more, **you got a copy?** Roger on that... The 1999 DX Convention happily coincides with **Fresno State's Cheerleader Try-Outs**. There's a **\$200.00** scholarship awarded, so let's start practicing our **pyramid...** Above, right: **Will, K6NDV**, installs his famous "**Angenent Afterburner**" in an **anonymous amp**. He claims a "**Spectacular rise** in power," and "guaranteed to provide **stiff competition**." (see **secret weapon**, attached to **patented cooling vent**, left)... Hey! **Waddo I know**, I'm just a **Pookah!**... Dot's Up!

...Gugli

(The *BULLETin* is not responsible for Pookah's alleged observations. Gugli's portrait by 'Drew Duncan exclusively for the SCDXC *BULLETin*.)



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**COMMUNICATIONS
SERVICE COMPANY**

"Captain Dick"

(From Page 1)

vel of home built equipment. "He had built an eight tube superhet which had I.F. stages which could be made regenerative," recalls John Linden, WK6E, "his transmitter was a crystal controlled oscillator driving a 35T buffer with a 25OTL in the final. It was unique because Dick had made most of the components. In high school metal shop, he had filed aluminum plates for a huge tank capacitor. He also made the neutralizing capacitor and he wound all the coils and R. F. chokes. He also wound some of the transformers in his rig. His power supply was two pole transformers with their primaries in parallel and their secondaries in series. He ran a healthy KW on 40 meter CW."

In the summer of 1941, Dick was working at Fox Studios and attending L. A. Junior College. (now L.A. State) He had joined a naval reserve unit that recruited hams. Every week, the reserve members would meet on a frequency near the 80 meter band and exchange messages in naval format. WK6E continues: "The reserve was called up in July of 1941 and I took Dick to boot camp in San Diego. This was 5 months before Pearl Harbor. Dick was sent to several service schools and ended up servicing radar at Ford Island in Pearl Harbor. He was a first class electronics technician

mate by then. He applied for a college program called 'VI 2' and was accepted and sent to The University of California at Berkeley. I had joined the Navy in 1942 after I graduated from high school. I used to stop and see Dick when I was in San Francisco. We spent a lot of time listening to jazz music at the many places in the bay area. He graduated from Cal in 1946 with a BSEE degree."

Dick had always liked New Orleans style jazz and Dixieland. He formed friendships with many of the musicians over the years. His favorite band at the time of his death was The "South Frisco Jazz Band." During the war years, he spent a lot of time listening to Lu Waters and his "Yerba Buena Jazz Band" which played in a

small place off Market Street in San Francisco. "After the war," says Linden, "we thought nothing of driving to



Best Friends, W6RT (left), W6ET at the 1988 DX Convention.

the bay area just to spend an evening

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DX Accomplishments

(return to: Bruce Horn, 4225 Farmdale Ave., Studio City, CA 91604)

Cut here

Call _____ Name _____ Date _____

Please complete the following based on your **confirmed**, mixed-mode country or zone totals:

DXCC Totals: Active Countries (329 max) _____ Total Countries (including deleted) _____

Are you currently on the Honor Roll ? ☐ Yes ☐ No 5BDXCC ? ☐ Yes ☐ No

Low Bands (Active Countries Only): 160-meters _____ 80-meters _____ 40-meters _____

WARC Bands (Active Countries Only): 30-meters _____ 17-meters _____ 12-meters _____

WAZ Basic Award (40 Zones) ? ☐ Yes ☐ No

Confirmed Zones: 160m _____ 80m _____ 40m _____ 30m _____ 20m _____ 17m _____ 15m _____ 12m _____ 10m _____

KH6BZF Reports

“EQUINOCTIAL PROPAGATION”

Exclusive to the Southern California DX Club

Solar activity will increase slowly and conditions this fall are expected to improve steadily as we ascend this solar cycle 23. The projected peak of cycle 23 is expected in the year 2002. A noticeable increase in high band activity is anticipated from September to mid-October. This fall, the Autumnal equinox will occur on September 22, 1998. On this day the Sun will cross the plain of the Earth's equator as it appears to travel from the Northern to the Southern Hemisphere. During this period, HF propagation conditions are similar world wide in both hemispheres. A similar period is experienced during the Spring equinox, which is centered on March 21.

During September many DX path openings are anticipated in the northern hemisphere with seasonal improvements predicted on both 10 and 12 meter bands. Watch for openings to southern and tropical areas when Solar Flux levels of 100+ are expected. These openings may be expected in the late afternoon toward early evening. Greatly improved conditions are expected on both 15 and 17 meter bands. Both bands should exhibit similar propagation patterns. With anticipated increased solar activity and higher solar flux levels these bands should be the second best DX production. Meanwhile, 20 meters will continue to be the best DX band between sunrise and midnight daily. Best band conditions should be one to three hours after sunrise. Skip paths up to 2,300 miles on one hop and further on 4 and 5 multi-hops. On 30 meters, short skip openings occur during the day and the best production will be after sunset and prior to sunrise. On 40, 75/80 and 160 meters expect conditions to be improved for nighttime propagation. Best will be from midnight to sunrise. On 160 meters, expect 1,300 mile skips, during the darkness path. This band will improve as we reach mid-September. For VHF conditions, E's are expected to be rare, yet some double-hop E's and perhaps F2 may occur on 6 meters.

In the month of September, six meter buffs should watch all 6 meter beacons for all possible openings. Remember: Some minor F2 and perhaps E's openings may be expected this month.

September will be a transitional month between the Summer and Fall propagation months in the Northern Hemisphere. High bands 10, 12, 15 and 17 MTRS, propagation will be fair to moderate. However, expect 20 MTRS to open shorter in both daylight and evening paths due to the shortening of the sunlight in the Northern Hemisphere. Expect seasonal increased propagation on 30 and 40 MTRS. However, these bands will experience occasional thunderstorm and QRN/QRM. Some activity may be expected on 80 and 160 MTRS during the darkness paths.

Let us now look at the HF bands in general this month :

2 Meters some aurora (AU) propagation in the Northern Hemisphere when K-indices are greater than <4 and the Geomagnetic Field is at Low to Below Normal (LN-BN) and Alpha indices are greater than <30 to 50 levels.

6 Meters Some short-skip may occur.

10-12 Meters in August one should expect few DX openings, except some North-South and tropical areas should be open.

15-17 Meters will be your second best DX bands. With increasing solar activity and summertime propagation conditions in the Northern Hemisphere. If 15 meters does not open, you can expect 17 meters not to open as well.

20 Meters will be your BEST band as it continues to during September through mid-October.

(Continued on Page 9)

"Captain Dick"

(From Page 5)

listening to the greatest jazz music of all time."

W6ET's garage never had a car parked in it. Dick built shelves throughout the interior and collected radio parts. "He once explained to me that it was a compulsion brought on by not being able to afford the parts in his youth," WK6E remembers. His DX achievements were many, he was at the top of the honor roll and he held WAZ.

Dick worked for a time in the years following WWII at yellow cab. They were just starting to install two way radios in their cabs and Dick evaluated the performance of various makes of equipment. He also worked as station engineer at KFAC and other broadcast stations. In 1949, he hired into Hughes Aircraft. He held a number of positions there in a lengthy career in technical and management assignments. He was best remembered as being a very smart engineer, especially concerning RF. One of the senior scientists at Hughes who was one of the people responsible for getting Hughes into the communications satellite business said Dick was an exceptional engineer who had a wealth of practical experience.

"Dick was generous," Linden reports, "In 1941 when I was a new ham, he gave me a power transformer and a pair of 801's so I could run the whopping power of 125 watts on 40 CW! When I became active again in 1985, Dick lent me some equipment to get started. Also, Dick and Bill, W6RT helped me put up an 80 meter antenna. Even though Dick was 65 years old, he insisted on being the "monkey" and scaled a 75 foot pine tree for one end of the dipole."

"'Captain Dick' had a big family,"

"Captain Dick"

(Continued)

says close friend Bill Mauzey, W6RT, "wife Lee and five kids." Son Richard lives in Japan, Daughter Melanie in Canada. Son, Robert lives in Hawaii, David (N6TQY) in Texas and Linda in Canoga Park. Almost a "WAC."



The "Southern Cross"

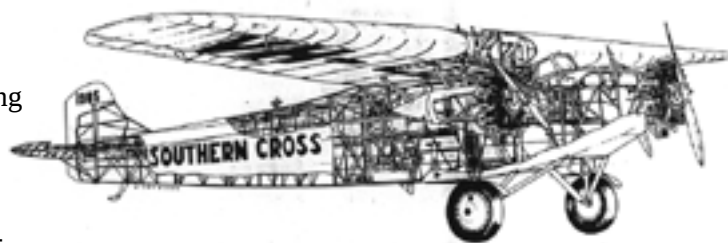
Last month, the article about Ted Gillette, W6HX showed him standing in front of the Fokker Trimotor, "Southern Cross" in 1932. Here's a little more information about that famous airplane.

In June, 1928, Kingsford Smith made the first successful crossing of the Pacific, from Oakland to his birthplace, Brisbane, Australia

in the "Southern Cross." It took 83 hours, 38 minutes with stops in Hawaii and Fiji.

The sturdy trimotor took him from Ireland to Newfoundland for the first successful crossing of the Atlantic in June of 1930. Following this, Smith flew solo from England to Australia.

In its day, the "Southern Cross" was as famous as the "Spirit of Saint Louis." It is presently stationed at the Sir Charles Kingsford Smith Memorial at the Brisbane Airport.



90 Foot Sky Needle and Estate

For Sale:

In the Linda Vista Section of Pasadena, home of Harry Appleton, KD6ZT who passed away in January. The house is 2890 square feet, set on a half acre. It has four bedrooms, one full bath and three 3/4 baths, huge family room, sauna and laundry room. It has a large, two car garage, great radio shack. Equipment includes a Kenwood TS950S, Signal One Mil Spec excitors, Henry 3K linear, Sky Needle with full-sized three element forty meter beam, five element twenty meter beam, interlaced ten and fifteen meter beam, topped with a Ringo Ranger two meter antenna.

Asking price is approximately \$650,000.00

Please call Sandy Evangelista, K6HAE, (Work) (213) 225-5611 or (Home) (818) 790-4220

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Membership, New or Renewal (return to Harvey Shore, 6433 Pat Avenue, West Hills, California 91307)

Call _____ Name _____ Date _____

Street _____

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Home Telephone _____ Work Telephone _____

Dues: \$18.00 Make check payable to SCDXC. *BULLETin* Subscription only: _____ (\$10.00)

Heard and Worked

by Mark Weiss, K6FG



Signals don't get to the sunny shores of Southern California like they get everywhere else. Sometimes, a band is open for just a few minutes. Sometimes,

a rare country appears at a crazy time or frequency. Here are selected reports from local stations. Send your report for September to the Editor.

Date	Time	Mode	DX
80			
8/18	1356	SSB	9V8AG
40			
8/13	0450	CW	CM8VP
8/16	0457	CW	TJ9GJG
8/23	0121	CW	TL5A*
8/23	0150	CW	LU4FC
8/24	0337	CW	TL5A*
30			
7/30	1336	CW	FT5XN*
8/8	1315	CW	WH4/K6SHJ
8/9	1335	CW	V63PD*
8/10	0257	CW	CU2/DL3HLM*
8/13	1325	CW	VK9CE
8/14	0527	CW	9J2BO
8/24	1358	CW	9M6HX
8/25	0328	CW	EU7SA
20			
7/26	0020	SSB	P39P
7/26	0026	SSB	MJ0AWR
7/29	0105	SSB	TL5A*
7/31	0031	TTY	1A0KM*
8/2	1506	SSB	JU60MTZ
8/2	2251	SSB	OX3LG
8/3	1430	SSB	OH0CW
8/4	0408	TTY	YL2DZ
8/6	0335	SSB	AH4/WA6FGV
8/8	0045	SSB	5N0/OK1AUT
8/8	1505	SSB	JT1CC
8/10	1506	SSB	9M6HX/1S
8/12	0322	SSB	UX2MM
8/12	1435	SSB	9N1UD
8/13	0355	SSB	UX2MM
8/13	0357	CW	HA5JI
8/13	0401	CW	SP8BAB
8/14	0050	SSB	D2BB
8/14	0208	TTY	EY8MM
8/15	0121	CW	TL5A*
8/15	1321	SSB	XX9ARM
8/15	1646	TTY	UX0Z

8/19	1353	SSB	FR/F5AOL
8/20	0330	SSB	ZK1SCQ
8/21	0350	SSB	5N0/OK1AUT
8/22	0248	TTY	UA6JY
8/22	1446	SSB	BI7W
8/23	0147	CW	D2BB
8/23	0252	SSB	TL5A*
8/24	0006	TTY	TL5A*
17			
7/27	1434	SSB	1A0KM*
7/27	1534	SSB	UN7AB
7/27	1548	SSB	AP2AGJ
7/27	1602	SSB	EP3HR*
7/28	1404	SSB	TF/DL2YSH
8/1	1707	CW	SV2/IK3ZAW
8/2	1508	SSB	9M2TO
8/2	1922	SSB	OH0EA
8/2	1957	SSB	TL5A*
8/5	1536	SSB	SV9/I4UFH
8/5	2117	SSB	OX3LG
8/6	0308	CW	FO5JR
8/6	0406	CW	WH4/K6SHJ
8/9	1432	TTY	RU3AT
8/10	1546	SSB	JT1BV
8/12	2245	SSB	JW5NM
8/13	0115	SSB	JW5NM
8/13	0120	CW	OA4/DL9GMM
8/13	2224	SSB	9H1AL
8/14	0311	SSB	5N0/OK1AUT
8/14	0322	CW	4K9W
8/14	0329	CW	FR/JH1BMT
8/14	0330	CW	4K8F
8/14	0332	SSB	A41LZ
8/14	0515	CW	HL0Y
8/15	0040	CW	TL5A*
8/16	0440	CW	EX8MZ
8/17	0327	CW	US7IB
8/17	0341	CW	1X1AO*
8/19	1406	SSB	V63AO*
8/20	0355	CW	TG9GJG
8/21	0034	SSB	5N0/OK1AUT
15			
8/3	1436	SSB	OH0EA
8/3	1511	SSB	VU2/W9NGA
8/3	1534	SSB	9K2GS
8/12	0257	SSB	A35RK
8/13	0202	SSB	ZK1SCQ
8/13	0340	CW	FO0YAM
8/16	2023	CW	TA2IJ
8/16	2021	SSB	TA2IJ
8/16	2303	CW	LA9GX
8/17	1940	SSB	TA2IJ
8/17	2308	CW	HB9DDZ
8/18	2347	SSB	TL5A*
8/19	2256	SSB	TZ6JA
8/21	1945	SSB	BI7W
8/21	2035	SSB	OD5NH

8/21	2121	SSB	TL5A*
8/21	2338	SSB	EA8AMT
8/23	2055	TTY	TL5A*
12			
8/14	2116	SSB	DL3OI
8/15	1950	SSB	HB9IQA
8/15	1957	CW	OM5DP
8/15	2114	CW	TL5A*
8/15	2158	SSB	TL5A*
8/16	1551	CW	HF0POL*

10			
8/20	0314	FM	T30JH

* QSL Routes

1A0KM	IK0FVC
1X1AO	RW6PA
CU2/DL3HLM	DL3HLM
EP3HR	I2MQP
FT5XN	F6PEN
HF0POL	SP9DWT
TL5A	PA3DMH
V63PD	VK4AAR

(Thanks to K6FG, WU6T, K6YRA)

When submitting "Heard and Worked" Please remember to give Band, Date, Time, Mode, Station. Thanks!



Speaker, Tom, K6ZT at the August "Pizza Party."

Ham Puzzle

by Milt, W6RJO

"A Long, Semi-Ladder Line"



It's 1.618 ohms, gang. You'd think with all them geniuses in the SCDXC we'd have lot'sa winners - but no, only Elliott

Lawrence, WA6TLA (See photo, right) came forward, so he gets the prize (and there is a prize!) ...ed.

Here is the September Puzzler. Good luck:

"Correct Time or no QSL Card"

V.H. Ham's universal time (UTC) clock just broke. He must now rely on his wrist watch until he gets to Jun's for a MFJ clock-combo (local time/UTC time).

He works a DX station he needs on 20 at 2:10 PST. He figures 2:10 plus 8 hours to Greenwich, UK, which makes it 10:10 PM Greenwich time, or 2210 hours UTC. The DX says that he must QRT to get some shuteye, as the sun has set for him six hours ago at 1800 his time. What is the DX local time and the corresponding zone his QTH must be in?

Wow! even your humble, stupid editor can figure this one out. Don't miss the great prizes and prestige! ...ed

(Send your solution to the BULLETIN Editor, email, post, FAX okay)

Fun, Fun Fun

(Continued)

shrill announcements ("Hunnert-seben, yer anchovie an' green pepper s'ready.") Pres. Will, K6NDV distributed some incredibly expensive prizes to those who didn't blow all their dough in the arcade.



Top: Left to Right, Bunny, N6OVX, Marilyn, N6GIL and Ulla Kordel cool off poolside. Cleon, AD6P, "Mein Host, Arnie, N6HC, below, Brain meeting: Elliott, WA6TLA with Tom, K6ZT.

KH6BZF Reports

(Continued)

30 Meters will be better and open for great 24 hour DX to somewhere world-wide! **40-Meters** should remain in fair condition with ever increased summer QRN levels. Some openings may be expected in the early evening toward the east and south. After midnight openings toward the south and west should occur.

80-Meters should experience high static levels, however some fair opening may be expected during the darkness hours.

160-meters: it is still too early for this band to be in top performance. Some openings may be expected late in the month and into October only hampered by QRN static. That's the band rundown for September through mid-October.

The data to watch are both 27.5-day solar cycle variations and both daily Alpha and K-indices. If you know the solar cycle repetitions, Alpha or A-index and the K-index here is what to expect the propagation to be:

ABOVE NORMAL (AN)	K-INDEX= ZERO TO 2	ALPHA=0 TO 7
HIGH NORMAL (HN)	2 TO 3	8 TO 15
LOW NORMAL (LN)	4	16 TO 29
BELOW NORMAL (BN)	4-5	30 TO 49
DISTRUBED (DIS)	6	50 TO 99
VERY DISTURBED (VY DIS)	6 TO 9	100 TO 400+

The GEOMAG or geomagnetic field is expected to be QUIET between AN and HN. UNSETTLED occurs between HN and LN. AN ACTIVE GEOMAG FIELD occurs at LN. A MINOR Geomagnetic Storm occurs between BN and DIS. A MAJOR STORM occurs at DIS and VY DIS conditions.

Should you have any special questions or want specific data answered, feel free to contact me via E-Mail: leewical@aol.com and I will try to obtain an answer for you either direct via return e-mail and/or through this column.

The SCDXC thanks the following whose support makes it possible for us to offer an outstanding selection of prizes each month.



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